



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2005. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/B/PTO				Complete If Known	
				Application Number	10/784,509
				Filing Date	February 23, 2004
				First Named Inventor	Flavio Villa
				Art Unit	3742
				Examiner Name	J. M. Pelham
Sheet	1	of	2	Attorney Docket Number	61179-00007USPX

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US-US4993143	02/1991	Sidner et al.	
	AB	US-US5429734-B1	07-04-1995	Gajar et al.	
	AC	US-US5498392	03/1996	Wilding et al.	
	AD	US-US5637469-B1	06-10-1997	Wilding et al.	
	AE	US-US5639423-B1	06-17-1997	Northrup et al.	
	AF	US-US5690841-B1	11-25-1997	Elderstig	
	AG	US-US5856174	01/1999	Lipshutz et al.	
	AH	US-US5928880	07/1999	Wilding et al.	
	AI	US-US5922591-B1	07-13-1999	Anderson et al.	
	AJ	US-US5932100	08/1999	Yager et al.	
	AK	US-US5939312-B1	08-17-1999	Baier et al.	
	AL	US-US5942443-B1	08-24-1999	Parce et al.	
	AM	US-US5955028	09/1999	Chow	
	AN	US-US6040193	03/2000	Winkler et al.	
	AO	US-US6046056-B1	04-04-2000	Parce et al.	
	AP	US-US6057149	05/2000	Burns et al.	
	AQ	US-US6071478	06/2000	Chow	
	AR	US-US6132580	10/2000	Mathies et al.	
	AS	US-US6168948-B1	01-02-2001	Anderson et al.	
	AT	US-US6261431-B1	07-17-2001	Mathies et al.	
	AU	US-US6267858-B1	07-31-2001	Parce et al.	
	AV	US-US6271021	08/2001	Burns et al.	
	AW	US-US20010036672-A1	11-01-2001	Anderson et al.	
	AX	US-US20020017660-A1	02-14-2002	Villa et al.	
	AY	US-US20020022261-A1	02-21-2002	Anderson et al.	
	AZ	US-US20020045244-A1	04-18-2002	Barlocchi et al.	
	AA1	US-US6376291-B1	04-23-2002	Barlocchi et al.	
	AB1	US-US20020055167-A1	05-09-2002	Pourahmadi et al.	
	AC1	US-US20020060156-A1	05-23-2002	Mathies et al.	
	AD1	US-US20020068357-A1	06-06-2002	Mathies et al.	
	AE1	US-US20020068334-A1	06-06-2002	Carrino et al.	
	AF1	US-US6403367-B1	06-11-2002	Cheng et al.	
	AG1	US-US6420143	07/2002	Kopf-Sill	
	AH1	US-US20020097900-A1	07-25-2002	Arena et al.	
	AI1	US-US6440725-B1	08-27-2002	Pourahmadi et al.	
	AJ1	US-US6518022-B1	02-11-2003	Sosnowski et al.	

Examiner Signature	<i>J. M. Pelham</i>	Date Considered	<i>9/24/04</i>
--------------------	---------------------	-----------------	----------------

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				<b>Complete If Known</b>	
				Application Number	10/784,509
				Filing Date	February 23, 2004
				First Named Inventor	Flavio Villa
				Art Unit	3742
				Examiner Name	J. M. Pelham
Sheet	2	of	2	Attorney Docket Number	61179-00007USPX

	AK1	US-US20030057199-A1	03-27-2003	Villa et al.	
--	-----	---------------------	------------	--------------	--

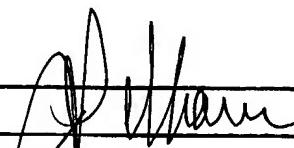
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	EP-EP1123739-A1	08-16-2001	Mastromatteo et al.		
	BB	EP-EP1130631-A1	05-09-2001	Erratico		
	BC	EP-EP1049157-A1	11-02-2000	Corona et al.		
	BD	EP-EP1043770-A1	10-11-2000	Villa et al.		
	BE**	-WO96/15576	05-23-1996	Zanzucchi et al.		
	BF**	-WO98/25701	06-18-1998	Northrup		
	BG**	-WO00/23190	04-27-2000	Fouillet et al.		

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup>CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (\*\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. <sup>3</sup>Applicant's unique citation designation number (optional). <sup>4</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>5</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>6</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>7</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>8</sup>Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
	CA	Zhang, "Automated and Integrated System for High-Throughput DNA Genotyping Directly from Blood", Analytical Chemistry, Vol. 71, No. 6, March 1999.				
	CB**	van den Berg et al., "Modular Concept for Miniature Chemical Systems," DECHEMA Monographs, Vol. 132:109-132, 1996.				
	CC**	Arkilic et al., "Gaseous Slip Flow in Long Microchannels," Journal of Microelectronical Systems 6(2):167-8, 1997.				
	CD**	The World Leader of Photoepoxlesin the MEMES World, URL = <a href="http://dmtwww.epfl.ch/Iguerin/SU8NF.html">http://dmtwww.epfl.ch/Iguerin/SU8NF.html</a> , download date of 9/23/99.				

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	9/29/04
--------------------	---	-----------------	---------